

Certifications

WBENC: 237019

HUB: 1752439743100-86536

DBE: VN 20657

NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX
LELAP-02003
Kansas E-10317

El Paso: T104704221-08-TX
LELAP-02002

Midland: T104704392-08-TX

Analytical and Quality Control Report

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Report Date: October 7, 2008

Work Order: 8080828



Project Name: HELSTF GROUNDWATER
Project Number: 65

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
170067	HLSF-0085-HMW-014-0808	water	2008-08-06	14:15	2008-08-06
170168	HLSF-0085-HMW-055-0808	water	2008-08-08	13:16	2008-08-08
170170	HLSF-0085-HMW-010-0808	water	2008-08-07	10:20	2008-08-07
170455	HLSF-0085-HMW-054-0808	water	2008-08-11	10:08	2008-08-11
170457	HLSF-0085-D RW-008-0808	water	2008-08-11	12:55	2008-08-11
170843	HLSF-0085-HMW-043-0808	water	2008-08-13	09:45	2008-08-13
170986	HLSF-0085-DRW-017-0808	water	2008-08-14	10:30	2008-08-14
171111	HLSF-0085-HMW-062-0808	water	2008-08-18	14:00	2008-08-18
171300	HLSF-0085-HMW-008-0808	water	2008-08-19	10:48	2008-08-19
171303	HLSF-0085-HMW-034-0808	water	2008-08-19	12:46	2008-08-19
171731	HLSF-0085-HMW-033-0808	water	2008-08-21	09:42	2008-08-21
171733	HLSF-0085-HMW-059-0808	water	2008-08-21	11:45	2008-08-21
171735	HLSF-0085-DRW-016-0808	water	2008-08-22	10:25	2008-08-22
172137	HLSF-0085-DRW-114-0808	water	2008-08-27	13:35	2008-08-27
172139	HLSF-0085-DRW-014-0808	water	2008-08-27	13:35	2008-08-27

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
172467	HLSF-0085-HMW-053-0808	water	2008-08-28	12:20	2008-08-28
172638	HLSF-0085-HMW-061-0908	water	2008-09-02	10:25	2008-09-02
172640	HLSF-0085-HMW-060-0908	water	2008-09-02	13:15	2008-09-02
172795	HLSF-0085-HMW-063-0908	water	2008-09-03	12:50	2008-09-03
172797	HLSF-0085-HMW-058-0908	water	2008-09-03	10:10	2008-09-05
172908	HLSF-0085-HMW-057-0908	water	2008-09-04	11:15	2008-09-04
172910	HLSF-0085-DRW-002-0908	water	2008-09-04	13:41	2008-09-04
173041	HLSF-0085-RB-001-0908	water	2008-09-08	15:30	2008-09-09
173043	HLSF-0085-HCF-003-0908	water	2008-09-08	12:00	2008-09-08
173045	HLSF-0085-HCF-103-0908	water	2008-09-08	12:00	2008-09-08

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 352 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER, HELSTF GROUNDWATER and HELSTF GROUNDWATER were received by TraceAnalysis, Inc. on 2008-08-06, 2008-08-08, 2008-08-07, 2008-08-11, 2008-08-11, 2008-08-13, 2008-08-14, 2008-08-18, 2008-08-19, 2008-08-19, 2008-08-21, 2008-08-21, 2008-08-22, 2008-08-27, 2008-08-27, 2008-08-28, 2008-09-02, 2008-09-02, 2008-09-03, 2008-09-05, 2008-09-04, 2008-09-04, 2008-09-09, 2008-09-08 and 2008-09-08 and assigned to work orders 8080828, 8081109, 8081110, 8081318, 8081319, 8081533, 8081820, 8082006, 8082103, 8082105, 8082517, 8082518, 8082519, 8082824, 8082825, 8090219, 8090411, 8090412, 8090519, 8090520, 8090810, 8090811, 8091019, 8091020 and 8091021 respectively. Samples for work order 8080828 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8081109 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8081110 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8081318 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8081319 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8081533 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8081820 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8082006 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8082103 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8082105 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8082517 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8082518 were received intact without headspace and at a temperature of 4.0 deg C.Samples for work order 8082519 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8082824 were received intact without headspace and at a temperature of 4.0 dec C.Samples for work order 8082825 were received intact without headspace and at a temperature of 4.0 dec C.Samples for work order 8090219 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8090411 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8090412 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8090519 were received intact without headspace and at a temperature of 4.0 dec C.Samples for work order 8090520 were received intact without headspace and at a temperature of 4.0 deg.C.Samples for work order 8090810 were received intact without headspace and at a temperature of 4.0 dec C.Samples for work order 8090811 were received intact without headspace and at a temperature of 4.0 dec C.Samples for work order 8091019 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8091020 were received intact without headspace and at a temperature of 4.0 deg. C.Samples for work order 8091021 were received intact without headspace and at a temperature of 4.0 deg. C.

Samples were analyzed for the following tests using their respective methods.

Test	Method
Ag, Total	S 6010B
As, Total	S 6010B
Ba, Total	S 6010B
Be, Total	S 6010B
Cd, Total	S 6010B
Co, Total	S 6010B
Cr, Total	S 6010B
Cu, Total	S 6010B

Test	Method
Hg, Total	S 7470A
Ni, Total	S 6010B
Pb, Total	S 6010B
Sb, Total	S 6010B
Se, Total	S 6010B
Sn, Total	S 6010B
Tl, Total	S 6010B
V, Total	S 6010B
Zn, Total	S 6010B

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work orders 8080828, 8081109, 8081110, 8081318, 8081319, 8081533, 8081820, 8082006, 8082103, 8082105, 8082517, 8082518, 8082519, 8082824, 8082825, 8090219, 8090411, 8090412, 8090519, 8090520, 8090810, 8090811, 8091019, 8091020 and 8091021 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory:	Lubbock		
Analysis:	Ag, Total	Analytical Method:	S 6010B
QC Batch:	51313	Date Analyzed:	2008-08-11
Prep Batch:	44004	Sample Preparation:	2008-08-11
		Prep Method:	S 3010A
		Analyzed By:	RR
		Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory:	Lubbock		
Analysis:	As, Total	Analytical Method:	S 6010B
QC Batch:	51313	Date Analyzed:	2008-08-11
Prep Batch:	44004	Sample Preparation:	2008-08-11
		Prep Method:	S 3010A
		Analyzed By:	RR
		Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory:	Lubbock		
Analysis:	Ba, Total	Analytical Method:	S 6010B
QC Batch:	51313	Date Analyzed:	2008-08-11
Prep Batch:	44004	Sample Preparation:	2008-08-11
		Prep Method:	S 3010A
		Analyzed By:	RR
		Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.0120	mg/L	1	0.00500

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory:	Lubbock		
Analysis:	Be, Total	Analytical Method:	S 6010B
QC Batch:	51313	Date Analyzed:	2008-08-11
Prep Batch:	44004	Sample Preparation:	2008-08-11
		Prep Method:	S 3010A
		Analyzed By:	RR
		Prepared By:	KV

continued ...

sample 170067 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 Sample Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 Sample Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 Sample Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.0120	mg/L	1	0.00500

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory:	Lubbock		
Analysis:	Cu, Total	Analytical Method:	S 6010B
QC Batch:	51313	Date Analyzed:	2008-08-11
Prep Batch:	44004	Sample Preparation:	2008-08-11
		Prep Method:	S 3010A
		Analyzed By:	RR
		Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory:	Lubbock		
Analysis:	Hg, Total	Analytical Method:	S 7470A
QC Batch:	51771	Date Analyzed:	2008-08-25
Prep Batch:	44397	Sample Preparation:	2008-08-25
		Prep Method:	N/A
		Analyzed By:	TP
		Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory:	Lubbock		
Analysis:	Ni, Total	Analytical Method:	S 6010B
QC Batch:	51313	Date Analyzed:	2008-08-11
Prep Batch:	44004	Sample Preparation:	2008-08-11
		Prep Method:	S 3010A
		Analyzed By:	RR
		Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory:	Lubbock		
Analysis:	Pb, Total	Analytical Method:	S 6010B
QC Batch:	51313	Date Analyzed:	2008-08-11
Prep Batch:	44004	Sample Preparation:	2008-08-11
		Prep Method:	S 3010A
		Analyzed By:	RR
		Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 Sample Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 Sample Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.233	mg/L	1	0.0200

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 Sample Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 Sample Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 Sample Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		<0.00500	mg/L	1	0.00500

Sample: 170067 - HLSF-0085-HMW-014-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 Sample Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		<0.00500	mg/L	1	0.00500

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: N/A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.00800	mg/L	1	0.00500

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.0420	mg/L	1	0.00500

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 51475 Date Analyzed: 2008-08-15 Analyzed By: TP
Prep Batch: 44137 Sample Preparation: 2008-08-15 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		0.0130	mg/L	1	0.00500

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.0570	mg/L	1	0.0200

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0290	mg/L	1	0.00500

Sample: 170168 - HLSF-0085-HMW-055-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.00500	mg/L	1	0.00500

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Barium		0.0130	mg/L	1	0.00500

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.0310	mg/L	1	0.00500

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 51475 Date Analyzed: 2008-08-15 Analyzed By: TP
Prep Batch: 44137 Sample Preparation: 2008-08-15 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.100	mg/L	1	0.0200

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0270	mg/L	1	0.00500

Sample: 170170 - HLSF-0085-HMW-010-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.00800	mg/L	1	0.00500

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.00800	mg/L	1	0.00500

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.00500	mg/L	1	0.00500

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 51475 Date Analyzed: 2008-08-15 Analyzed By: TP
Prep Batch: 44137 Sample Preparation: 2008-08-15 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.0580	mg/L	1	0.0200

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0260	mg/L	1	0.00500

Sample: 170455 - HLSF-0085-HMW-054-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.00600	mg/L	1	0.00500

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.0120	mg/L	1	0.00500

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Chromium		0.0890	mg/L	1	0.00500

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 51475 Date Analyzed: 2008-08-15 Analyzed By: TP
Prep Batch: 44137 Sample Preparation: 2008-08-15 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		0.119	mg/L	1	0.00500

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.0570	mg/L	1	0.0200

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0290	mg/L	1	0.00500

Sample: 170457 - HLSF-0085-D RW-008-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 Sample Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		<0.00500	mg/L	1	0.00500

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.0100	mg/L	1	0.00500

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.00500	mg/L	1	0.00500

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 51771 Date Analyzed: 2008-08-25 Analyzed By: TP
Prep Batch: 44397 Sample Preparation: 2008-08-25 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.0310	mg/L	1	0.0200

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0180	mg/L	1	0.00500

Sample: 170843 - HLSF-0085-HMW-043-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		<0.00500	mg/L	1	0.00500

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.00800	mg/L	1	0.00500

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.115	mg/L	1	0.00500

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 51771 Date Analyzed: 2008-08-25 Analyzed By: TP
Prep Batch: 44397 Sample Preparation: 2008-08-25 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		0.0120	mg/L	1	0.00500

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.0800	mg/L	1	0.0200

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0260	mg/L	1	0.00500

Sample: 170986 - HLSF-0085-DRW-017-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 Sample Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		<0.00500	mg/L	1	0.00500

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Barium		0.0100	mg/L	1	0.00500

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.0130	mg/L	1	0.00500

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 51771 Date Analyzed: 2008-08-25 Analyzed By: TP
Prep Batch: 44397 Sample Preparation: 2008-08-25 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.0700	mg/L	1	0.0200

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0110	mg/L	1	0.00500

Sample: 171111 - HLSF-0085-HMW-062-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.00800	mg/L	1	0.00500

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		0.0140	mg/L	1	0.0100

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.0110	mg/L	1	0.00500

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.00500	mg/L	1	0.00500

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 51771 Date Analyzed: 2008-08-25 Analyzed By: TP
Prep Batch: 44397 Sample Preparation: 2008-08-25 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.0500	mg/L	1	0.0200

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0240	mg/L	1	0.00500

Sample: 171300 - HLSF-0085-HMW-008-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.00800	mg/L	1	0.00500

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.0150	mg/L	1	0.00500

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.00500	mg/L	1	0.00500

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 51771 Date Analyzed: 2008-08-25 Analyzed By: TP
Prep Batch: 44397 Sample Preparation: 2008-08-25 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			RL
Total Selenium		<0.0200	mg/L	1	0.0200

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0220	mg/L	1	0.00500

Sample: 171303 - HLSF-0085-HMW-034-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 Sample Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.0100	mg/L	1	0.00500

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Arsenic		0.0260	mg/L	1	0.0100

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Barium		0.00800	mg/L	1	0.00500

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.591	mg/L	1	0.00500

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 51772 Date Analyzed: 2008-08-25 Analyzed By: TP
Prep Batch: 44397 Sample Preparation: 2008-08-25 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.586	mg/L	1	0.0200

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0280	mg/L	1	0.00500

Sample: 171731 - HLSF-0085-HMW-033-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.00600	mg/L	1	0.00500

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Arsenic		0.0280	mg/L	1	0.0100

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Barium		0.0120	mg/L	1	0.00500

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.00500	mg/L	1	0.00500

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 51772 Date Analyzed: 2008-08-25 Analyzed By: TP
Prep Batch: 44397 Sample Preparation: 2008-08-25 Prepared By: TP

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0200	mg/L	1	0.0200

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0240	mg/L	1	0.00500

Sample: 171733 - HLSF-0085-HMW-059-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		<0.00500	mg/L	1	0.00500

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		0.154	mg/L	1	0.0100

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.00900	mg/L	1	0.00500

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Cobalt		0.00400	mg/L	1	0.00200

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Chromium		6.32	mg/L	1	0.00500

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		0.0200	mg/L	1	0.00500

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 51772 Date Analyzed: 2008-08-25 Analyzed By: TP
Prep Batch: 44397 Sample Preparation: 2008-08-25 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		0.317	mg/L	1	0.00500

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		0.163	mg/L	1	0.0200

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.0910	mg/L	1	0.0200

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.253	mg/L	1	0.00500

Sample: 171735 - HLSF-0085-DRW-016-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 Sample Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.00700	mg/L	1	0.00500

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.00700	mg/L	1	0.00500

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		2.58	mg/L	1	0.00500

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		0.0130	mg/L	1	0.00500

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 52085 Date Analyzed: 2008-09-04 Analyzed By: TP
Prep Batch: 44653 Sample Preparation: 2008-09-04 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		0.0890	mg/L	1	0.00500

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		0.0480	mg/L	1	0.0200

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.144	mg/L	1	0.0200

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0280	mg/L	1	0.00500

Sample: 172137 - HLSF-0085-DRW-114-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		<0.00500	mg/L	1	0.00500

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Arsenic		0.0320	mg/L	1	0.0100

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Barium		0.00700	mg/L	1	0.00500

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		2.72	mg/L	1	0.00500

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		0.0100	mg/L	1	0.00500

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 52085 Date Analyzed: 2008-09-04 Analyzed By: TP
Prep Batch: 44653 Sample Preparation: 2008-09-04 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		0.0840	mg/L	1	0.00500

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		0.0430	mg/L	1	0.0200

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.136	mg/L	1	0.0200

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0310	mg/L	1	0.00500

Sample: 172139 - HLSF-0085-DRW-014-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 Sample Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		<0.00500	mg/L	1	0.00500

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Barium		<0.00500	mg/L	1	0.00500

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.00500	mg/L	1	0.00500

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 52084 Date Analyzed: 2008-09-04 Analyzed By: TP
Prep Batch: 44653 Sample Preparation: 2008-09-04 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.534	mg/L	1	0.0200

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		<0.00500	mg/L	1	0.00500

Sample: 172467 - HLSF-0085-HMW-053-0808

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 Sample Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.0250	mg/L	1	0.00500

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.00700	mg/L	1	0.00500

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.630	mg/L	1	0.00500

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		0.0120	mg/L	1	0.00500

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 52085 Date Analyzed: 2008-09-04 Analyzed By: TP
Prep Batch: 44653 Sample Preparation: 2008-09-04 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.155	mg/L	1	0.0200

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0170	mg/L	1	0.00500

Sample: 172638 - HLSF-0085-HMW-061-0908

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.0150	mg/L	1	0.00500

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.0110	mg/L	1	0.00500

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.00500	mg/L	1	0.00500

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 52085 Date Analyzed: 2008-09-04 Analyzed By: TP
Prep Batch: 44653 Sample Preparation: 2008-09-04 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Selenium		0.0220	mg/L	1	0.0200

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Tin		<0.100	mg/L	1	0.100

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0270	mg/L	1	0.00500

Sample: 172640 - HLSF-0085-HMW-060-0908

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 Sample Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.00900	mg/L	1	0.00500

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.00600	mg/L	1	0.00500

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.00900	mg/L	1	0.00500

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		0.0100	mg/L	1	0.00500

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 52284 Date Analyzed: 2008-09-11 Analyzed By: TP
Prep Batch: 44821 Sample Preparation: 2008-09-11 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.0240	mg/L	1	0.0200

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0280	mg/L	1	0.00500

Sample: 172795 - HLSF-0085-HMW-063-0908

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.00900	mg/L	1	0.00500

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.00800	mg/L	1	0.00500

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.00500	mg/L	1	0.00500

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		0.0140	mg/L	1	0.00500

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 52284 Date Analyzed: 2008-09-11 Analyzed By: TP
Prep Batch: 44821 Sample Preparation: 2008-09-11 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.0620	mg/L	1	0.0200

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0290	mg/L	1	0.00500

Sample: 172797 - HLSF-0085-HMW-058-0908

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.400	mg/L	1	0.00500

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.0300	mg/L	1	0.00500

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.00500	mg/L	1	0.00500

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		0.00800	mg/L	1	0.00500

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 52284 Date Analyzed: 2008-09-11 Analyzed By: TP
Prep Batch: 44821 Sample Preparation: 2008-09-11 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		0.0510	mg/L	1	0.0200

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0280	mg/L	1	0.00500

Sample: 172908 - HLSF-0085-HMW-057-0908

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.0280	mg/L	1	0.00500

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.0250	mg/L	1	0.00500

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.166	mg/L	1	0.00500

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 52284 Date Analyzed: 2008-09-11 Analyzed By: TP
Prep Batch: 44821 Sample Preparation: 2008-09-11 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		0.0350	mg/L	1	0.00500

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Selenium		<0.0200	mg/L	1	0.0200

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Tin		<0.100	mg/L	1	0.100

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.00700	mg/L	1	0.00500

Sample: 172910 - HLSF-0085-DRW-002-0908

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 Sample Preparation: 2008-09-08 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		0.181	mg/L	1	0.00500

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		<0.00500	mg/L	1	0.00500

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.00500	mg/L	1	0.00500

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 52287 Date Analyzed: 2008-09-11 Analyzed By: TP
Prep Batch: 44821 Sample Preparation: 2008-09-11 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0200	mg/L	1	0.0200

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		<0.00500	mg/L	1	0.00500

Sample: 173041 - HLSF-0085-RB-001-0908

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		<0.00500	mg/L	1	0.00500

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Barium		0.0580	mg/L	1	0.00500

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Be, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Co, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.00500	mg/L	1	0.00500

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 52287 Date Analyzed: 2008-09-11 Analyzed By: TP
Prep Batch: 44821 Sample Preparation: 2008-09-11 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		<0.00500	mg/L	1	0.00500

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0200	mg/L	1	0.0200

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: V, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0170	mg/L	1	0.00500

Sample: 173043 - HLSF-0085-HCF-003-0908

Laboratory: Lubbock
Analysis: Zn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		<0.00500	mg/L	1	0.00500

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory: Lubbock
Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00500	mg/L	1	0.00500

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory: Lubbock
Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory: Lubbock
Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.0570	mg/L	1	0.00500

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Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory:	Lubbock		
Analysis:	Be, Total	Analytical Method:	S 6010B
QC Batch:	52279	Date Analyzed:	2008-09-11
Prep Batch:	44806	Sample Preparation:	2008-09-11
		Prep Method:	S 3010A
		Analyzed By:	RR
		Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Beryllium		<0.00200	mg/L	1	0.00200

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory:	Lubbock		
Analysis:	Cd, Total	Analytical Method:	S 6010B
QC Batch:	52279	Date Analyzed:	2008-09-11
Prep Batch:	44806	Sample Preparation:	2008-09-11
		Prep Method:	S 3010A
		Analyzed By:	RR
		Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00200	mg/L	1	0.00200

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory:	Lubbock		
Analysis:	Co, Total	Analytical Method:	S 6010B
QC Batch:	52279	Date Analyzed:	2008-09-11
Prep Batch:	44806	Sample Preparation:	2008-09-11
		Prep Method:	S 3010A
		Analyzed By:	RR
		Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cobalt		<0.00200	mg/L	1	0.00200

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory:	Lubbock		
Analysis:	Cr, Total	Analytical Method:	S 6010B
QC Batch:	52279	Date Analyzed:	2008-09-11
Prep Batch:	44806	Sample Preparation:	2008-09-11
		Prep Method:	S 3010A
		Analyzed By:	RR
		Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.00500	mg/L	1	0.00500

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory: Lubbock
Analysis: Cu, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Copper		<0.00500	mg/L	1	0.00500

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory: Lubbock
Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 52287 Date Analyzed: 2008-09-11 Analyzed By: TP
Prep Batch: 44821 Sample Preparation: 2008-09-11 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory: Lubbock
Analysis: Ni, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Nickel		0.00600	mg/L	1	0.00500

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory: Lubbock
Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.00500	mg/L	1	0.00500

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory: Lubbock
Analysis: Sb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Antimony		<0.0200	mg/L	1	0.0200

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory: Lubbock
Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0200	mg/L	1	0.0200

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory: Lubbock
Analysis: Sn, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Tin		<0.100	mg/L	1	0.100

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory: Lubbock
Analysis: Tl, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 Sample Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Thallium		<0.0500	mg/L	1	0.0500

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Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory:	Lubbock		
Analysis:	V, Total	Analytical Method:	S 6010B
QC Batch:	52279	Date Analyzed:	2008-09-11
Prep Batch:	44806	Sample Preparation:	2008-09-11
		Prep Method:	S 3010A
		Analyzed By:	RR
		Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Vanadium		0.0170	mg/L	1	0.00500

Sample: 173045 - HLSF-0085-HCF-103-0908

Laboratory:	Lubbock		
Analysis:	Zn, Total	Analytical Method:	S 6010B
QC Batch:	52279	Date Analyzed:	2008-09-11
Prep Batch:	44806	Sample Preparation:	2008-09-11
		Prep Method:	S 3010A
		Analyzed By:	RR
		Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Zinc		<0.00500	mg/L	1	0.00500

Method Blank (1) QC Batch: 51313

QC Batch:	51313	Date Analyzed:	2008-08-11	Analyzed By:	RR
Prep Batch:	44004	QC Preparation:	2008-08-11	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Silver		<0.000700	mg/L	0.005

Method Blank (1) QC Batch: 51313

QC Batch:	51313	Date Analyzed:	2008-08-11	Analyzed By:	RR
Prep Batch:	44004	QC Preparation:	2008-08-11	Prepared By:	KV

Parameter	Flag	MDL Result	Units	RL
Total Arsenic		<0.00850	mg/L	0.01

Method Blank (1) QC Batch: 51313

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Barium		<0.00180	mg/L	0.005

Method Blank (1) QC Batch: 51313

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Beryllium		<0.00120	mg/L	0.002

Method Blank (1) QC Batch: 51313

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cadmium		<0.00110	mg/L	0.002

Method Blank (1) QC Batch: 51313

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cobalt		<0.00170	mg/L	0.002

Method Blank (1) QC Batch: 51313

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Chromium		<0.00201	mg/L	0.005

Method Blank (1) QC Batch: 51313

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Copper		<0.00129	mg/L	0.005

Method Blank (1) QC Batch: 51313

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Nickel		<0.00271	mg/L	0.005

Method Blank (1) QC Batch: 51313

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Lead		<0.00460	mg/L	0.005

Method Blank (1) QC Batch: 51313

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Antimony		<0.0150	mg/L	0.02

Method Blank (1) QC Batch: 51313

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Selenium		<0.0106	mg/L	0.02

Method Blank (1) QC Batch: 51313

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Tin		<0.0597	mg/L	0.1

Method Blank (1) QC Batch: 51313

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Thallium		<0.0223	mg/L	0.05

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Method Blank (1) QC Batch: 51313

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Vanadium		<0.00132	mg/L	0.005

Method Blank (1) QC Batch: 51313

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Zinc		<0.000679	mg/L	0.005

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Silver		<0.000700	mg/L	0.005

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Arsenic		<0.00850	mg/L	0.01

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Barium		<0.00180	mg/L	0.005

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Beryllium		<0.00120	mg/L	0.002

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cadmium		<0.00110	mg/L	0.002

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cobalt		<0.00170	mg/L	0.002

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Chromium		<0.00201	mg/L	0.005

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Copper		<0.00129	mg/L	0.005

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Nickel		<0.00271	mg/L	0.005

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Lead		<0.00460	mg/L	0.005

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Antimony		<0.0150	mg/L	0.02

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Selenium		<0.0106	mg/L	0.02

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Tin		<0.0597	mg/L	0.1

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Thallium		<0.0223	mg/L	0.05

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Vanadium		<0.00132	mg/L	0.005

Method Blank (1) QC Batch: 51427

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Zinc		<0.000679	mg/L	0.005

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Silver		<0.000700	mg/L	0.005

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Arsenic		<0.00850	mg/L	0.01

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Barium		<0.00180	mg/L	0.005

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Beryllium		<0.00120	mg/L	0.002

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cadmium		<0.00110	mg/L	0.002

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cobalt		<0.00170	mg/L	0.002

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Chromium		<0.00201	mg/L	0.005

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Copper		<0.00129	mg/L	0.005

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Nickel		<0.00271	mg/L	0.005

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Lead		<0.00460	mg/L	0.005

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Antimony		<0.0150	mg/L	0.02

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Selenium		<0.0106	mg/L	0.02

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Tin		<0.0597	mg/L	0.1

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Thallium		<0.0223	mg/L	0.05

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Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Vanadium		<0.00132	mg/L	0.005

Method Blank (1) QC Batch: 51429

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Zinc		<0.000679	mg/L	0.005

Method Blank (1) QC Batch: 51475

QC Batch: 51475 Date Analyzed: 2008-08-15 Analyzed By: TP
Prep Batch: 44137 QC Preparation: 2008-08-15 Prepared By: TP

Parameter	Flag	MDL Result	Units	RL
Total Mercury		<0.0000251	mg/L	0.0002

Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Silver		<0.000700	mg/L	0.005

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Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Arsenic		<0.00850	mg/L	0.01

Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Barium		<0.00180	mg/L	0.005

Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Beryllium		<0.00120	mg/L	0.002

Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cadmium		<0.00110	mg/L	0.002

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Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Cobalt		<0.00170	mg/L	0.002

Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Chromium		<0.00201	mg/L	0.005

Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Copper		<0.00129	mg/L	0.005

Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Nickel		<0.00271	mg/L	0.005

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Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Lead		<0.00460	mg/L	0.005

Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Antimony		<0.0150	mg/L	0.02

Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Selenium		<0.0106	mg/L	0.02

Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Tin		<0.0597	mg/L	0.1

Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Thallium		<0.0223	mg/L	0.05

Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Vanadium		<0.00132	mg/L	0.005

Method Blank (1) QC Batch: 51617

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Zinc		<0.000679	mg/L	0.005

Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Silver		<0.000700	mg/L	0.005

Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Arsenic		<0.00850	mg/L	0.01

Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Barium		<0.00180	mg/L	0.005

Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Beryllium		<0.00120	mg/L	0.002

Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cadmium		<0.00110	mg/L	0.002

Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cobalt		<0.00170	mg/L	0.002

Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Chromium		<0.00201	mg/L	0.005

Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Copper		<0.00129	mg/L	0.005

Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Nickel		<0.00271	mg/L	0.005

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Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Lead		<0.00460	mg/L	0.005

Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Antimony		<0.0150	mg/L	0.02

Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Selenium		<0.0106	mg/L	0.02

Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Tin		<0.0597	mg/L	0.1

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Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Thallium		<0.0223	mg/L	0.05

Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Vanadium		<0.00132	mg/L	0.005

Method Blank (1) QC Batch: 51695

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Zinc		<0.000679	mg/L	0.005

Method Blank (1) QC Batch: 51771

QC Batch: 51771 Date Analyzed: 2008-08-25 Analyzed By: TP
Prep Batch: 44397 QC Preparation: 2008-08-25 Prepared By: TP

Parameter	Flag	MDL Result	Units	RL
Total Mercury		<0.0000251	mg/L	0.0002

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Method Blank (1) QC Batch: 51772

QC Batch: 51772 Date Analyzed: 2008-08-25 Analyzed By: TP
Prep Batch: 44397 QC Preparation: 2008-08-25 Prepared By: TP

Parameter	Flag	MDL Result	Units	RL
Total Mercury		<0.0000251	mg/L	0.0002

Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Silver		<0.000700	mg/L	0.005

Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Arsenic		<0.00850	mg/L	0.01

Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Barium		<0.00180	mg/L	0.005

Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Beryllium		<0.00120	mg/L	0.002

Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cadmium		<0.00110	mg/L	0.002

Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cobalt		<0.00170	mg/L	0.002

Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Chromium		<0.00201	mg/L	0.005

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Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Copper		<0.00129	mg/L	0.005

Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Nickel		<0.00271	mg/L	0.005

Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Lead		<0.00460	mg/L	0.005

Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Antimony		<0.0150	mg/L	0.02

Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Selenium		<0.0106	mg/L	0.02

Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Tin		<0.0597	mg/L	0.1

Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Thallium		<0.0223	mg/L	0.05

Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Vanadium		<0.00132	mg/L	0.005

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Method Blank (1) QC Batch: 51793

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Zinc		<0.000679	mg/L	0.005

Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Silver		<0.000700	mg/L	0.005

Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Arsenic		<0.00850	mg/L	0.01

Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Barium		<0.00180	mg/L	0.005

Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Beryllium		<0.00120	mg/L	0.002

Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cadmium		<0.00110	mg/L	0.002

Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cobalt		<0.00170	mg/L	0.002

Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Chromium		<0.00201	mg/L	0.005

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Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Copper		<0.00129	mg/L	0.005

Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Nickel		<0.00271	mg/L	0.005

Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Lead		<0.00460	mg/L	0.005

Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Antimony		<0.0150	mg/L	0.02

Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Selenium		<0.0106	mg/L	0.02

Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Tin		<0.0597	mg/L	0.1

Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Thallium		<0.0223	mg/L	0.05

Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Vanadium		<0.00132	mg/L	0.005

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Method Blank (1) QC Batch: 51924

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Zinc		<0.000679	mg/L	0.005

Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Silver		<0.000700	mg/L	0.005

Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Arsenic		<0.00850	mg/L	0.01

Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Barium		<0.00180	mg/L	0.005

Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Beryllium		<0.00120	mg/L	0.002

Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cadmium		<0.00110	mg/L	0.002

Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cobalt		<0.00170	mg/L	0.002

Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Chromium		<0.00201	mg/L	0.005

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Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Copper		<0.00129	mg/L	0.005

Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Nickel		<0.00271	mg/L	0.005

Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Lead		<0.00460	mg/L	0.005

Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Antimony		<0.0150	mg/L	0.02

Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Selenium		<0.0106	mg/L	0.02

Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Tin		<0.0597	mg/L	0.1

Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Thallium		<0.0223	mg/L	0.05

Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Vanadium		<0.00132	mg/L	0.005

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Method Blank (1) QC Batch: 52016

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Zinc		<0.000679	mg/L	0.005

Method Blank (1) QC Batch: 52084

QC Batch: 52084 Date Analyzed: 2008-09-04 Analyzed By: TP
Prep Batch: 44653 QC Preparation: 2008-09-04 Prepared By: TP

Parameter	Flag	MDL	Units	RL
		Result		
Total Mercury		<0.0000251	mg/L	0.0002

Method Blank (1) QC Batch: 52085

QC Batch: 52085 Date Analyzed: 2008-09-04 Analyzed By: TP
Prep Batch: 44653 QC Preparation: 2008-09-04 Prepared By: TP

Parameter	Flag	MDL	Units	RL
		Result		
Total Mercury		<0.0000251	mg/L	0.0002

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Silver		<0.000700	mg/L	0.005

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Arsenic		<0.00850	mg/L	0.01

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Barium		<0.00180	mg/L	0.005

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Beryllium		<0.00120	mg/L	0.002

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cadmium		<0.00110	mg/L	0.002

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cobalt		<0.00170	mg/L	0.002

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Chromium		<0.00201	mg/L	0.005

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Copper		<0.00129	mg/L	0.005

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Nickel		<0.00271	mg/L	0.005

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Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Lead		<0.00460	mg/L	0.005

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Antimony		<0.0150	mg/L	0.02

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Selenium		<0.0106	mg/L	0.02

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Tin		<0.0597	mg/L	0.1

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Thallium		<0.0223	mg/L	0.05

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Vanadium		<0.00132	mg/L	0.005

Method Blank (1) QC Batch: 52131

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Zinc		<0.000679	mg/L	0.005

Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL	Units	RL
		Result		
Total Silver		<0.000700	mg/L	0.005

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Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Arsenic		<0.00850	mg/L	0.01

Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Barium		<0.00180	mg/L	0.005

Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Beryllium		<0.00120	mg/L	0.002

Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cadmium		<0.00110	mg/L	0.002

Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cobalt		<0.00170	mg/L	0.002

Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Chromium		<0.00201	mg/L	0.005

Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Copper		<0.00129	mg/L	0.005

Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Nickel		<0.00271	mg/L	0.005

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Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Lead		<0.00460	mg/L	0.005

Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Antimony		<0.0150	mg/L	0.02

Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Selenium		<0.0106	mg/L	0.02

Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Tin		<0.0597	mg/L	0.1

Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Thallium		<0.0223	mg/L	0.05

Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Vanadium		<0.00132	mg/L	0.005

Method Blank (1) QC Batch: 52201

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Zinc		<0.000679	mg/L	0.005

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Silver		<0.000700	mg/L	0.005

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Arsenic		<0.00850	mg/L	0.01

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Barium		<0.00180	mg/L	0.005

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Beryllium		<0.00120	mg/L	0.002

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cadmium		<0.00110	mg/L	0.002

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Cobalt		<0.00170	mg/L	0.002

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Chromium		<0.00201	mg/L	0.005

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Copper		<0.00129	mg/L	0.005

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Nickel		<0.00271	mg/L	0.005

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Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Lead		<0.00460	mg/L	0.005

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Antimony		<0.0150	mg/L	0.02

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Selenium		<0.0106	mg/L	0.02

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Tin		<0.0597	mg/L	0.1

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Thallium		<0.0223	mg/L	0.05

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Vanadium		<0.00132	mg/L	0.005

Method Blank (1) QC Batch: 52279

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Zinc		<0.000679	mg/L	0.005

Method Blank (1) QC Batch: 52284

QC Batch: 52284 Date Analyzed: 2008-09-11 Analyzed By: TP
Prep Batch: 44821 QC Preparation: 2008-09-11 Prepared By: TP

Parameter	Flag	MDL Result	Units	RL
Total Mercury		<0.0000251	mg/L	0.0002

Method Blank (1) QC Batch: 52287

QC Batch: 52287 Date Analyzed: 2008-09-11 Analyzed By: TP
Prep Batch: 44821 QC Preparation: 2008-09-11 Prepared By: TP

Parameter	Flag	MDL Result	Units	RL
Total Mercury		<0.0000251	mg/L	0.0002

Laboratory Control Spike (LCS-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.124	mg/L	1	0.125	<0.000700	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.123	mg/L	1	0.125	<0.000700	98	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.509	mg/L	1	0.500	<0.00850	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.537	mg/L	1	0.500	<0.00850	107	85 - 115	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	0.989	mg/L	1	1.00	<0.00180	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	1.00	mg/L	1	1.00	<0.00180	100	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313
Prep Batch: 44004

Date Analyzed: 2008-08-11
QC Preparation: 2008-08-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0240	mg/L	1	0.0250	<0.00120	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0240	mg/L	1	0.0250	<0.00120	96	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313
Prep Batch: 44004

Date Analyzed: 2008-08-11
QC Preparation: 2008-08-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.249	mg/L	1	0.250	<0.00110	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.253	mg/L	1	0.250	<0.00110	101	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313
Prep Batch: 44004

Date Analyzed: 2008-08-11
QC Preparation: 2008-08-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.253	mg/L	1	0.250	<0.00170	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.256	mg/L	1	0.250	<0.00170	102	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.102	mg/L	1	0.100	<0.00201	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.103	mg/L	1	0.100	<0.00201	103	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.119	mg/L	1	0.125	<0.00129	95	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.120	mg/L	1	0.125	<0.00129	96	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.240	mg/L	1	0.250	<0.00271	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.242	mg/L	1	0.250	<0.00271	97	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313
Prep Batch: 44004

Date Analyzed: 2008-08-11
QC Preparation: 2008-08-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.454	mg/L	1	0.500	<0.00460	91	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.485	mg/L	1	0.500	<0.00460	97	85 - 115	7	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313
Prep Batch: 44004

Date Analyzed: 2008-08-11
QC Preparation: 2008-08-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.252	mg/L	1	0.250	<0.0150	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.252	mg/L	1	0.250	<0.0150	101	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313
Prep Batch: 44004

Date Analyzed: 2008-08-11
QC Preparation: 2008-08-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.442	mg/L	1	0.500	<0.0106	88	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.442	mg/L	1	0.500	<0.0106	88	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313
Prep Batch: 44004

Date Analyzed: 2008-08-11
QC Preparation: 2008-08-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.315	mg/L	1	0.300	<0.0597	105	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.318	mg/L	1	0.300	<0.0597	106	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313
Prep Batch: 44004

Date Analyzed: 2008-08-11
QC Preparation: 2008-08-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.500	mg/L	1	0.500	<0.0223	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.526	mg/L	1	0.500	<0.0223	105	85 - 115	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313
Prep Batch: 44004

Date Analyzed: 2008-08-11
QC Preparation: 2008-08-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.255	mg/L	1	0.250	<0.00132	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.257	mg/L	1	0.250	<0.00132	103	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.239	mg/L	1	0.250	<0.000679	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.242	mg/L	1	0.250	<0.000679	97	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.123	mg/L	1	0.125	<0.000700	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.120	mg/L	1	0.125	<0.000700	96	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.476	mg/L	1	0.500	<0.00850	95	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.504	mg/L	1	0.500	<0.00850	101	85 - 115	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	1.00	mg/L	1	1.00	<0.00180	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	0.966	mg/L	1	1.00	<0.00180	97	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0249	mg/L	1	0.0250	<0.00120	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0247	mg/L	1	0.0250	<0.00120	99	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.253	mg/L	1	0.250	<0.00110	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.246	mg/L	1	0.250	<0.00110	98	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427
Prep Batch: 44089

Date Analyzed: 2008-08-14
QC Preparation: 2008-08-14

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.253	mg/L	1	0.250	<0.00170	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.246	mg/L	1	0.250	<0.00170	98	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427
Prep Batch: 44089

Date Analyzed: 2008-08-14
QC Preparation: 2008-08-14

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.102	mg/L	1	0.100	<0.00201	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.0990	mg/L	1	0.100	<0.00201	99	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427
Prep Batch: 44089

Date Analyzed: 2008-08-14
QC Preparation: 2008-08-14

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.124	mg/L	1	0.125	<0.00129	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.120	mg/L	1	0.125	<0.00129	96	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.242	mg/L	1	0.250	<0.00271	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.235	mg/L	1	0.250	<0.00271	94	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.484	mg/L	1	0.500	<0.00460	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.486	mg/L	1	0.500	<0.00460	97	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.244	mg/L	1	0.250	<0.0150	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.250	mg/L	1	0.250	<0.0150	100	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.431	mg/L	1	0.500	<0.0106	86	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.438	mg/L	1	0.500	<0.0106	88	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.314	mg/L	1	0.300	<0.0597	105	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.315	mg/L	1	0.300	<0.0597	105	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.511	mg/L	1	0.500	<0.0223	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.511	mg/L	1	0.500	<0.0223	102	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427
Prep Batch: 44089

Date Analyzed: 2008-08-14
QC Preparation: 2008-08-14

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.257	mg/L	1	0.250	<0.00132	103	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.251	mg/L	1	0.250	<0.00132	100	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51427
Prep Batch: 44089

Date Analyzed: 2008-08-14
QC Preparation: 2008-08-14

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.241	mg/L	1	0.250	<0.000679	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.233	mg/L	1	0.250	<0.000679	93	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429
Prep Batch: 44089

Date Analyzed: 2008-08-14
QC Preparation: 2008-08-14

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.123	mg/L	1	0.125	<0.000700	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.120	mg/L	1	0.125	<0.000700	96	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.476	mg/L	1	0.500	<0.00850	95	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.504	mg/L	1	0.500	<0.00850	101	85 - 115	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	1.00	mg/L	1	1.00	<0.00180	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	0.966	mg/L	1	1.00	<0.00180	97	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0249	mg/L	1	0.0250	<0.00120	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0247	mg/L	1	0.0250	<0.00120	99	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.253	mg/L	1	0.250	<0.00110	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.246	mg/L	1	0.250	<0.00110	98	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.253	mg/L	1	0.250	<0.00170	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.246	mg/L	1	0.250	<0.00170	98	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.102	mg/L	1	0.100	<0.00201	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.0990	mg/L	1	0.100	<0.00201	99	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.124	mg/L	1	0.125	<0.00129	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.120	mg/L	1	0.125	<0.00129	96	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.242	mg/L	1	0.250	<0.00271	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.235	mg/L	1	0.250	<0.00271	94	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.484	mg/L	1	0.500	<0.00460	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.486	mg/L	1	0.500	<0.00460	97	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.244	mg/L	1	0.250	<0.0150	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.250	mg/L	1	0.250	<0.0150	100	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.431	mg/L	1	0.500	<0.0106	86	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.438	mg/L	1	0.500	<0.0106	88	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.314	mg/L	1	0.300	<0.0597	105	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.315	mg/L	1	0.300	<0.0597	105	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.511	mg/L	1	0.500	<0.0223	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.511	mg/L	1	0.500	<0.0223	102	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.257	mg/L	1	0.250	<0.00132	103	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.251	mg/L	1	0.250	<0.00132	100	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.241	mg/L	1	0.250	<0.000679	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.233	mg/L	1	0.250	<0.000679	93	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51475
Prep Batch: 44137

Date Analyzed: 2008-08-15
QC Preparation: 2008-08-15

Analyzed By: TP
Prepared By: TP

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.000987	mg/L	1	0.00100	<0.0000251	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.00101	mg/L	1	0.00100	<0.0000251	101	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617
Prep Batch: 44217

Date Analyzed: 2008-08-20
QC Preparation: 2008-08-19

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.126	mg/L	1	0.125	<0.000700	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.126	mg/L	1	0.125	<0.000700	101	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617
Prep Batch: 44217

Date Analyzed: 2008-08-20
QC Preparation: 2008-08-19

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.535	mg/L	1	0.500	<0.00850	107	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.532	mg/L	1	0.500	<0.00850	106	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617
Prep Batch: 44217

Date Analyzed: 2008-08-20
QC Preparation: 2008-08-19

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	1.03	mg/L	1	1.00	<0.00180	103	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	1.03	mg/L	1	1.00	<0.00180	103	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617
Prep Batch: 44217

Date Analyzed: 2008-08-20
QC Preparation: 2008-08-19

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0250	mg/L	1	0.0250	<0.00120	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0245	mg/L	1	0.0250	<0.00120	98	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617
Prep Batch: 44217

Date Analyzed: 2008-08-20
QC Preparation: 2008-08-19

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.265	mg/L	1	0.250	<0.00110	106	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.265	mg/L	1	0.250	<0.00110	106	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.266	mg/L	1	0.250	<0.00170	106	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.265	mg/L	1	0.250	<0.00170	106	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.107	mg/L	1	0.100	<0.00201	107	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.107	mg/L	1	0.100	<0.00201	107	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.132	mg/L	1	0.125	<0.00129	106	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.124	mg/L	1	0.125	<0.00129	99	85 - 115	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.261	mg/L	1	0.250	<0.00271	104	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.258	mg/L	1	0.250	<0.00271	103	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.495	mg/L	1	0.500	<0.00460	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.491	mg/L	1	0.500	<0.00460	98	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.256	mg/L	1	0.250	<0.0150	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.266	mg/L	1	0.250	<0.0150	106	85 - 115	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617
Prep Batch: 44217

Date Analyzed: 2008-08-20
QC Preparation: 2008-08-19

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.438	mg/L	1	0.500	<0.0106	88	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.451	mg/L	1	0.500	<0.0106	90	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617
Prep Batch: 44217

Date Analyzed: 2008-08-20
QC Preparation: 2008-08-19

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.328	mg/L	1	0.300	<0.0597	109	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.323	mg/L	1	0.300	<0.0597	108	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617
Prep Batch: 44217

Date Analyzed: 2008-08-20
QC Preparation: 2008-08-19

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.545	mg/L	1	0.500	<0.0223	109	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.545	mg/L	1	0.500	<0.0223	109	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.264	mg/L	1	0.250	<0.00132	106	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.262	mg/L	1	0.250	<0.00132	105	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.251	mg/L	1	0.250	<0.000679	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.249	mg/L	1	0.250	<0.000679	100	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.124	mg/L	1	0.125	<0.000700	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.127	mg/L	1	0.125	<0.000700	102	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695
Prep Batch: 44317

Date Analyzed: 2008-08-22
QC Preparation: 2008-08-22

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.513	mg/L	1	0.500	<0.00850	103	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.543	mg/L	1	0.500	<0.00850	109	85 - 115	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695
Prep Batch: 44317

Date Analyzed: 2008-08-22
QC Preparation: 2008-08-22

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	1.02	mg/L	1	1.00	<0.00180	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	1.05	mg/L	1	1.00	<0.00180	105	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695
Prep Batch: 44317

Date Analyzed: 2008-08-22
QC Preparation: 2008-08-22

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0234	mg/L	1	0.0250	<0.00120	94	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0260	mg/L	1	0.0250	<0.00120	104	85 - 115	10	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695
Prep Batch: 44317

Date Analyzed: 2008-08-22
QC Preparation: 2008-08-22

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.270	mg/L	1	0.250	<0.00110	108	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.276	mg/L	1	0.250	<0.00110	110	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695
Prep Batch: 44317

Date Analyzed: 2008-08-22
QC Preparation: 2008-08-22

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.262	mg/L	1	0.250	<0.00170	105	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.270	mg/L	1	0.250	<0.00170	108	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695
Prep Batch: 44317

Date Analyzed: 2008-08-22
QC Preparation: 2008-08-22

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.108	mg/L	1	0.100	<0.00201	108	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.111	mg/L	1	0.100	<0.00201	111	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.125	mg/L	1	0.125	<0.00129	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.135	mg/L	1	0.125	<0.00129	108	85 - 115	8	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.250	mg/L	1	0.250	<0.00271	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.257	mg/L	1	0.250	<0.00271	103	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.517	mg/L	1	0.500	<0.00460	103	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.525	mg/L	1	0.500	<0.00460	105	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695
Prep Batch: 44317

Date Analyzed: 2008-08-22
QC Preparation: 2008-08-22

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.270	mg/L	1	0.250	<0.0150	108	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.272	mg/L	1	0.250	<0.0150	109	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695
Prep Batch: 44317

Date Analyzed: 2008-08-22
QC Preparation: 2008-08-22

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.450	mg/L	1	0.500	<0.0106	90	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.478	mg/L	1	0.500	<0.0106	96	85 - 115	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695
Prep Batch: 44317

Date Analyzed: 2008-08-22
QC Preparation: 2008-08-22

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.326	mg/L	1	0.300	<0.0597	109	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.338	mg/L	1	0.300	<0.0597	113	85 - 115	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.557	mg/L	1	0.500	<0.0223	111	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.571	mg/L	1	0.500	<0.0223	114	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.268	mg/L	1	0.250	<0.00132	107	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.276	mg/L	1	0.250	<0.00132	110	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

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Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.252	mg/L	1	0.250	<0.000679	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.269	mg/L	1	0.250	<0.000679	108	85 - 115	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51771 Date Analyzed: 2008-08-25 Analyzed By: TP
Prep Batch: 44397 QC Preparation: 2008-08-25 Prepared By: TP

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.000995	mg/L	1	0.00100	<0.0000251	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.000954	mg/L	1	0.00100	<0.0000251	95	85 - 115	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51772 Date Analyzed: 2008-08-25 Analyzed By: TP
Prep Batch: 44397 QC Preparation: 2008-08-25 Prepared By: TP

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.000995	mg/L	1	0.00100	<0.0000251	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.000954	mg/L	1	0.00100	<0.0000251	95	85 - 115	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.123	mg/L	1	0.125	<0.000700	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.122	mg/L	1	0.125	<0.000700	98	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.487	mg/L	1	0.500	<0.00850	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.479	mg/L	1	0.500	<0.00850	96	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	1.02	mg/L	1	1.00	<0.00180	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	1.01	mg/L	1	1.00	<0.00180	101	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0240	mg/L	1	0.0250	<0.00120	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0245	mg/L	1	0.0250	<0.00120	98	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793
Prep Batch: 44405

Date Analyzed: 2008-08-26
QC Preparation: 2008-08-26

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.262	mg/L	1	0.250	<0.00110	105	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.262	mg/L	1	0.250	<0.00110	105	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793
Prep Batch: 44405

Date Analyzed: 2008-08-26
QC Preparation: 2008-08-26

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.263	mg/L	1	0.250	<0.00170	105	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.262	mg/L	1	0.250	<0.00170	105	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793
Prep Batch: 44405

Date Analyzed: 2008-08-26
QC Preparation: 2008-08-26

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.104	mg/L	1	0.100	<0.00201	104	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.105	mg/L	1	0.100	<0.00201	105	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793
Prep Batch: 44405

Date Analyzed: 2008-08-26
QC Preparation: 2008-08-26

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.121	mg/L	1	0.125	<0.00129	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.123	mg/L	1	0.125	<0.00129	98	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793
Prep Batch: 44405

Date Analyzed: 2008-08-26
QC Preparation: 2008-08-26

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.256	mg/L	1	0.250	<0.00271	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.256	mg/L	1	0.250	<0.00271	102	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793
Prep Batch: 44405

Date Analyzed: 2008-08-26
QC Preparation: 2008-08-26

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.491	mg/L	1	0.500	<0.00460	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.491	mg/L	1	0.500	<0.00460	98	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793
Prep Batch: 44405

Date Analyzed: 2008-08-26
QC Preparation: 2008-08-26

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.271	mg/L	1	0.250	<0.0150	108	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.276	mg/L	1	0.250	<0.0150	110	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793
Prep Batch: 44405

Date Analyzed: 2008-08-26
QC Preparation: 2008-08-26

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.451	mg/L	1	0.500	<0.0106	90	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.436	mg/L	1	0.500	<0.0106	87	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793
Prep Batch: 44405

Date Analyzed: 2008-08-26
QC Preparation: 2008-08-26

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.327	mg/L	1	0.300	<0.0597	109	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.326	mg/L	1	0.300	<0.0597	109	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793
Prep Batch: 44405

Date Analyzed: 2008-08-26
QC Preparation: 2008-08-26

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.551	mg/L	1	0.500	<0.0223	110	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.553	mg/L	1	0.500	<0.0223	111	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793
Prep Batch: 44405

Date Analyzed: 2008-08-26
QC Preparation: 2008-08-26

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.254	mg/L	1	0.250	<0.00132	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.253	mg/L	1	0.250	<0.00132	101	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51793
Prep Batch: 44405

Date Analyzed: 2008-08-26
QC Preparation: 2008-08-26

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.254	mg/L	1	0.250	<0.000679	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.257	mg/L	1	0.250	<0.000679	103	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.118	mg/L	1	0.125	<0.000700	94	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.119	mg/L	1	0.125	<0.000700	95	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.457	mg/L	1	0.500	<0.00850	91	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.469	mg/L	1	0.500	<0.00850	94	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	0.996	mg/L	1	1.00	<0.00180	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	0.981	mg/L	1	1.00	<0.00180	98	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0220	mg/L	1	0.0250	<0.00120	88	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0220	mg/L	1	0.0250	<0.00120	88	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.240	mg/L	1	0.250	<0.00110	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.248	mg/L	1	0.250	<0.00110	99	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.242	mg/L	1	0.250	<0.00170	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.245	mg/L	1	0.250	<0.00170	98	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.0970	mg/L	1	0.100	<0.00201	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.0990	mg/L	1	0.100	<0.00201	99	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.125	mg/L	1	0.125	<0.00129	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.121	mg/L	1	0.125	<0.00129	97	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.239	mg/L	1	0.250	<0.00271	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.235	mg/L	1	0.250	<0.00271	94	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.480	mg/L	1	0.500	<0.00460	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.477	mg/L	1	0.500	<0.00460	95	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.260	mg/L	1	0.250	<0.0150	104	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.255	mg/L	1	0.250	<0.0150	102	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.441	mg/L	1	0.500	<0.0106	88	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.442	mg/L	1	0.500	<0.0106	88	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924
Prep Batch: 44510

Date Analyzed: 2008-08-29
QC Preparation: 2008-08-29

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.292	mg/L	1	0.300	<0.0597	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.307	mg/L	1	0.300	<0.0597	102	85 - 115	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924
Prep Batch: 44510

Date Analyzed: 2008-08-29
QC Preparation: 2008-08-29

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.492	mg/L	1	0.500	<0.0223	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.507	mg/L	1	0.500	<0.0223	101	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924
Prep Batch: 44510

Date Analyzed: 2008-08-29
QC Preparation: 2008-08-29

Analyzed By: RR
Prepared By: KV

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Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.248	mg/L	1	0.250	<0.00132	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.251	mg/L	1	0.250	<0.00132	100	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 51924
Prep Batch: 44510

Date Analyzed: 2008-08-29
QC Preparation: 2008-08-29

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.239	mg/L	1	0.250	<0.000679	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.245	mg/L	1	0.250	<0.000679	98	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016
Prep Batch: 44581

Date Analyzed: 2008-09-03
QC Preparation: 2008-09-03

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.123	mg/L	1	0.125	<0.000700	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.121	mg/L	1	0.125	<0.000700	97	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016
Prep Batch: 44581

Date Analyzed: 2008-09-03
QC Preparation: 2008-09-03

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.512	mg/L	1	0.500	<0.00850	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.506	mg/L	1	0.500	<0.00850	101	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	1.06	mg/L	1	1.00	<0.00180	106	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	1.06	mg/L	1	1.00	<0.00180	106	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0250	mg/L	1	0.0250	<0.00120	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0257	mg/L	1	0.0250	<0.00120	103	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.252	mg/L	1	0.250	<0.00110	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.249	mg/L	1	0.250	<0.00110	100	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016
Prep Batch: 44581

Date Analyzed: 2008-09-03
QC Preparation: 2008-09-03

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.254	mg/L	1	0.250	<0.00170	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.252	mg/L	1	0.250	<0.00170	101	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016
Prep Batch: 44581

Date Analyzed: 2008-09-03
QC Preparation: 2008-09-03

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.0960	mg/L	1	0.100	<0.00201	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.0950	mg/L	1	0.100	<0.00201	95	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016
Prep Batch: 44581

Date Analyzed: 2008-09-03
QC Preparation: 2008-09-03

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.123	mg/L	1	0.125	<0.00129	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.122	mg/L	1	0.125	<0.00129	98	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016
Prep Batch: 44581

Date Analyzed: 2008-09-03
QC Preparation: 2008-09-03

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.258	mg/L	1	0.250	<0.00271	103	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.256	mg/L	1	0.250	<0.00271	102	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016
Prep Batch: 44581

Date Analyzed: 2008-09-03
QC Preparation: 2008-09-03

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.526	mg/L	1	0.500	<0.00460	105	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.528	mg/L	1	0.500	<0.00460	106	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016
Prep Batch: 44581

Date Analyzed: 2008-09-03
QC Preparation: 2008-09-03

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.247	mg/L	1	0.250	<0.0150	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.238	mg/L	1	0.250	<0.0150	95	85 - 115	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016
Prep Batch: 44581

Date Analyzed: 2008-09-03
QC Preparation: 2008-09-03

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.478	mg/L	1	0.500	<0.0106	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.477	mg/L	1	0.500	<0.0106	95	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016
Prep Batch: 44581

Date Analyzed: 2008-09-03
QC Preparation: 2008-09-03

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.303	mg/L	1	0.300	<0.0597	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.306	mg/L	1	0.300	<0.0597	102	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016
Prep Batch: 44581

Date Analyzed: 2008-09-03
QC Preparation: 2008-09-03

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.503	mg/L	1	0.500	<0.0223	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.502	mg/L	1	0.500	<0.0223	100	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016
Prep Batch: 44581

Date Analyzed: 2008-09-03
QC Preparation: 2008-09-03

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.254	mg/L	1	0.250	<0.00132	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.254	mg/L	1	0.250	<0.00132	102	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52016
Prep Batch: 44581

Date Analyzed: 2008-09-03
QC Preparation: 2008-09-03

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.233	mg/L	1	0.250	<0.000679	93	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.232	mg/L	1	0.250	<0.000679	93	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52084
Prep Batch: 44653

Date Analyzed: 2008-09-04
QC Preparation: 2008-09-04

Analyzed By: TP
Prepared By: TP

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Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.00100	mg/L	1	0.00100	<0.0000251	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.00106	mg/L	1	0.00100	<0.0000251	106	85 - 115	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52085
Prep Batch: 44653

Date Analyzed: 2008-09-04
QC Preparation: 2008-09-04

Analyzed By: TP
Prepared By: TP

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.00100	mg/L	1	0.00100	<0.0000251	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.00106	mg/L	1	0.00100	<0.0000251	106	85 - 115	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131
Prep Batch: 44662

Date Analyzed: 2008-09-08
QC Preparation: 2008-09-05

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.119	mg/L	1	0.125	<0.000700	95	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.119	mg/L	1	0.125	<0.000700	95	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131
Prep Batch: 44662

Date Analyzed: 2008-09-08
QC Preparation: 2008-09-05

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.488	mg/L	1	0.500	<0.00850	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.481	mg/L	1	0.500	<0.00850	96	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131
Prep Batch: 44662

Date Analyzed: 2008-09-08
QC Preparation: 2008-09-05

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	1.07	mg/L	1	1.00	<0.00180	107	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	1.05	mg/L	1	1.00	<0.00180	105	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131
Prep Batch: 44662

Date Analyzed: 2008-09-08
QC Preparation: 2008-09-05

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0240	mg/L	1	0.0250	<0.00120	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0244	mg/L	1	0.0250	<0.00120	98	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131
Prep Batch: 44662

Date Analyzed: 2008-09-08
QC Preparation: 2008-09-05

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.242	mg/L	1	0.250	<0.00110	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.239	mg/L	1	0.250	<0.00110	96	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131
Prep Batch: 44662

Date Analyzed: 2008-09-08
QC Preparation: 2008-09-05

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.247	mg/L	1	0.250	<0.00170	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.244	mg/L	1	0.250	<0.00170	98	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131
Prep Batch: 44662

Date Analyzed: 2008-09-08
QC Preparation: 2008-09-05

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.0990	mg/L	1	0.100	<0.00201	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.0970	mg/L	1	0.100	<0.00201	97	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131
Prep Batch: 44662

Date Analyzed: 2008-09-08
QC Preparation: 2008-09-05

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.124	mg/L	1	0.125	<0.00129	99	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.119	mg/L	1	0.125	<0.00129	95	85 - 115	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.251	mg/L	1	0.250	<0.00271	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.244	mg/L	1	0.250	<0.00271	98	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.511	mg/L	1	0.500	<0.00460	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.502	mg/L	1	0.500	<0.00460	100	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.243	mg/L	1	0.250	<0.0150	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.242	mg/L	1	0.250	<0.0150	97	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131
Prep Batch: 44662

Date Analyzed: 2008-09-08
QC Preparation: 2008-09-05

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.437	mg/L	1	0.500	<0.0106	87	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.438	mg/L	1	0.500	<0.0106	88	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131
Prep Batch: 44662

Date Analyzed: 2008-09-08
QC Preparation: 2008-09-05

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.291	mg/L	1	0.300	<0.0597	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.287	mg/L	1	0.300	<0.0597	96	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131
Prep Batch: 44662

Date Analyzed: 2008-09-08
QC Preparation: 2008-09-05

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.486	mg/L	1	0.500	<0.0223	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.487	mg/L	1	0.500	<0.0223	97	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.245	mg/L	1	0.250	<0.00132	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.242	mg/L	1	0.250	<0.00132	97	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.256	mg/L	1	0.250	<0.000679	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.227	mg/L	1	0.250	<0.000679	91	85 - 115	12	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.121	mg/L	1	0.125	<0.000700	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.121	mg/L	1	0.125	<0.000700	97	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.514	mg/L	1	0.500	<0.00850	103	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.509	mg/L	1	0.500	<0.00850	102	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	1.09	mg/L	1	1.00	<0.00180	109	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	1.08	mg/L	1	1.00	<0.00180	108	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0260	mg/L	1	0.0250	<0.00120	104	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0250	mg/L	1	0.0250	<0.00120	100	85 - 115	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201
Prep Batch: 44736

Date Analyzed: 2008-09-09
QC Preparation: 2008-09-09

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.258	mg/L	1	0.250	<0.00110	103	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.259	mg/L	1	0.250	<0.00110	104	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201
Prep Batch: 44736

Date Analyzed: 2008-09-09
QC Preparation: 2008-09-09

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.253	mg/L	1	0.250	<0.00170	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.254	mg/L	1	0.250	<0.00170	102	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201
Prep Batch: 44736

Date Analyzed: 2008-09-09
QC Preparation: 2008-09-09

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.0970	mg/L	1	0.100	<0.00201	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.0950	mg/L	1	0.100	<0.00201	95	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.123	mg/L	1	0.125	<0.00129	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.121	mg/L	1	0.125	<0.00129	97	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.259	mg/L	1	0.250	<0.00271	104	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.257	mg/L	1	0.250	<0.00271	103	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.499	mg/L	1	0.500	<0.00460	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.506	mg/L	1	0.500	<0.00460	101	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201
Prep Batch: 44736

Date Analyzed: 2008-09-09
QC Preparation: 2008-09-09

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.256	mg/L	1	0.250	<0.0150	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.253	mg/L	1	0.250	<0.0150	101	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201
Prep Batch: 44736

Date Analyzed: 2008-09-09
QC Preparation: 2008-09-09

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.468	mg/L	1	0.500	<0.0106	94	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.465	mg/L	1	0.500	<0.0106	93	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201
Prep Batch: 44736

Date Analyzed: 2008-09-09
QC Preparation: 2008-09-09

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.321	mg/L	1	0.300	<0.0597	107	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.319	mg/L	1	0.300	<0.0597	106	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201
Prep Batch: 44736

Date Analyzed: 2008-09-09
QC Preparation: 2008-09-09

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.517	mg/L	1	0.500	<0.0223	103	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.517	mg/L	1	0.500	<0.0223	103	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201
Prep Batch: 44736

Date Analyzed: 2008-09-09
QC Preparation: 2008-09-09

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.254	mg/L	1	0.250	<0.00132	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.253	mg/L	1	0.250	<0.00132	101	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52201
Prep Batch: 44736

Date Analyzed: 2008-09-09
QC Preparation: 2008-09-09

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.237	mg/L	1	0.250	<0.000679	95	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.239	mg/L	1	0.250	<0.000679	96	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.120	mg/L	1	0.125	<0.000700	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.121	mg/L	1	0.125	<0.000700	97	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.471	mg/L	1	0.500	<0.00850	94	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.477	mg/L	1	0.500	<0.00850	95	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	1.07	mg/L	1	1.00	<0.00180	107	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	1.07	mg/L	1	1.00	<0.00180	107	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279
Prep Batch: 44806

Date Analyzed: 2008-09-11
QC Preparation: 2008-09-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0235	mg/L	1	0.0250	<0.00120	94	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0250	mg/L	1	0.0250	<0.00120	100	85 - 115	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279
Prep Batch: 44806

Date Analyzed: 2008-09-11
QC Preparation: 2008-09-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.249	mg/L	1	0.250	<0.00110	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.250	mg/L	1	0.250	<0.00110	100	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279
Prep Batch: 44806

Date Analyzed: 2008-09-11
QC Preparation: 2008-09-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.245	mg/L	1	0.250	<0.00170	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.244	mg/L	1	0.250	<0.00170	98	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.0970	mg/L	1	0.100	<0.00201	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.0970	mg/L	1	0.100	<0.00201	97	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.120	mg/L	1	0.125	<0.00129	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.121	mg/L	1	0.125	<0.00129	97	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.246	mg/L	1	0.250	<0.00271	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.247	mg/L	1	0.250	<0.00271	99	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279
Prep Batch: 44806

Date Analyzed: 2008-09-11
QC Preparation: 2008-09-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.522	mg/L	1	0.500	<0.00460	104	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.519	mg/L	1	0.500	<0.00460	104	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279
Prep Batch: 44806

Date Analyzed: 2008-09-11
QC Preparation: 2008-09-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.241	mg/L	1	0.250	<0.0150	96	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.243	mg/L	1	0.250	<0.0150	97	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279
Prep Batch: 44806

Date Analyzed: 2008-09-11
QC Preparation: 2008-09-11

Analyzed By: RR
Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.439	mg/L	1	0.500	<0.0106	88	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.431	mg/L	1	0.500	<0.0106	86	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.304	mg/L	1	0.300	<0.0597	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.303	mg/L	1	0.300	<0.0597	101	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.503	mg/L	1	0.500	<0.0223	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.501	mg/L	1	0.500	<0.0223	100	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.251	mg/L	1	0.250	<0.00132	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.252	mg/L	1	0.250	<0.00132	101	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.237	mg/L	1	0.250	<0.000679	95	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.238	mg/L	1	0.250	<0.000679	95	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52284 Date Analyzed: 2008-09-11 Analyzed By: TP
Prep Batch: 44821 QC Preparation: 2008-09-11 Prepared By: TP

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.00101	mg/L	1	0.00100	<0.0000251	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.00103	mg/L	1	0.00100	<0.0000251	103	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 52287 Date Analyzed: 2008-09-11 Analyzed By: TP
Prep Batch: 44821 QC Preparation: 2008-09-11 Prepared By: TP

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.00101	mg/L	1	0.00100	<0.0000251	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.00103	mg/L	1	0.00100	<0.0000251	103	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.124	mg/L	1	0.125	<0.000700	99	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.120	mg/L	1	0.125	<0.000700	96	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.541	mg/L	1	0.500	<0.00850	108	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.518	mg/L	1	0.500	<0.00850	104	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	1.04	mg/L	1	1.00	0.055	98	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	1.00	mg/L	1	1.00	0.055	94	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0230	mg/L	1	0.0250	<0.00120	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0240	mg/L	1	0.0250	<0.00120	96	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.251	mg/L	1	0.250	<0.00110	100	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.242	mg/L	1	0.250	<0.00110	97	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.245	mg/L	1	0.250	<0.00170	98	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.235	mg/L	1	0.250	<0.00170	94	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.101	mg/L	1	0.100	<0.00201	101	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.0980	mg/L	1	0.100	<0.00201	98	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.120	mg/L	1	0.125	<0.00129	96	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.118	mg/L	1	0.125	<0.00129	94	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.232	mg/L	1	0.250	<0.00271	93	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.227	mg/L	1	0.250	<0.00271	91	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.439	mg/L	1	0.500	<0.00460	88	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.438	mg/L	1	0.500	<0.00460	88	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.249	mg/L	1	0.250	<0.0150	100	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.248	mg/L	1	0.250	<0.0150	99	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.460	mg/L	1	0.500	<0.0106	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.462	mg/L	1	0.500	<0.0106	92	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.311	mg/L	1	0.300	<0.0597	104	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.291	mg/L	1	0.300	<0.0597	97	75 - 125	7	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.501	mg/L	1	0.500	<0.0223	100	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.495	mg/L	1	0.500	<0.0223	99	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.252	mg/L	1	0.250	<0.00132	101	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.253	mg/L	1	0.250	<0.00132	101	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169742

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR
Prep Batch: 44004 QC Preparation: 2008-08-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.241	mg/L	1	0.250	<0.000679	96	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.234	mg/L	1	0.250	<0.000679	94	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.110	mg/L	1	0.125	<0.000700	88	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.120	mg/L	1	0.125	<0.000700	96	75 - 125	9	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.464	mg/L	1	0.500	<0.00850	93	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.487	mg/L	1	0.500	<0.00850	97	75 - 125	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	0.906	mg/L	1	1.00	0.065	84	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	0.998	mg/L	1	1.00	0.065	93	75 - 125	10	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0251	mg/L	1	0.0250	<0.00120	100	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0243	mg/L	1	0.0250	<0.00120	97	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.216	mg/L	1	0.250	<0.00110	86	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.235	mg/L	1	0.250	<0.00110	94	75 - 125	8	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.210	mg/L	1	0.250	<0.00170	84	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.230	mg/L	1	0.250	<0.00170	92	75 - 125	9	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.0870	mg/L	1	0.100	<0.00201	87	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.0950	mg/L	1	0.100	<0.00201	95	75 - 125	9	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.110	mg/L	1	0.125	<0.00129	88	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.123	mg/L	1	0.125	<0.00129	98	75 - 125	11	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.201	mg/L	1	0.250	<0.00271	80	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.221	mg/L	1	0.250	<0.00271	88	75 - 125	10	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.522	mg/L	1	0.500	<0.00460	104	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.438	mg/L	1	0.500	<0.00460	88	75 - 125	18	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.222	mg/L	1	0.250	<0.0150	89	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.235	mg/L	1	0.250	<0.0150	94	75 - 125	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.445	mg/L	1	0.500	<0.0106	89	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.477	mg/L	1	0.500	<0.0106	95	75 - 125	7	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.274	mg/L	1	0.300	<0.0597	91	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.297	mg/L	1	0.300	<0.0597	99	75 - 125	8	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.431	mg/L	1	0.500	<0.0223	86	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.468	mg/L	1	0.500	<0.0223	94	75 - 125	8	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.239	mg/L	1	0.250	<0.00132	96	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.253	mg/L	1	0.250	<0.00132	101	75 - 125	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 169743

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.230	mg/L	1	0.250	<0.000679	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.252	mg/L	1	0.250	<0.000679	101	75 - 125	9	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.113	mg/L	1	0.125	<0.000700	90	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.116	mg/L	1	0.125	<0.000700	93	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.475	mg/L	1	0.500	<0.00850	95	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.461	mg/L	1	0.500	<0.00850	92	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	0.822	mg/L	1	1.00	0.008	81	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	0.849	mg/L	1	1.00	0.008	84	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0190	mg/L	1	0.0250	<0.00120	76	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0210	mg/L	1	0.0250	<0.00120	84	75 - 125	10	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.200	mg/L	1	0.250	<0.00110	80	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.204	mg/L	1	0.250	<0.00110	82	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.201	mg/L	1	0.250	<0.00170	80	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.202	mg/L	1	0.250	<0.00170	81	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.0880	mg/L	1	0.100	0.005	83	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.0900	mg/L	1	0.100	0.005	85	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.112	mg/L	1	0.125	<0.00129	90	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.113	mg/L	1	0.125	<0.00129	90	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.196	mg/L	1	0.250	<0.00271	78	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.211	mg/L	1	0.250	<0.00271	84	75 - 125	7	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

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Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.509	mg/L	1	0.500	<0.00460	102	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.515	mg/L	1	0.500	<0.00460	103	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.226	mg/L	1	0.250	<0.0150	90	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.229	mg/L	1	0.250	<0.0150	92	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.453	mg/L	1	0.500	0.058	79	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.473	mg/L	1	0.500	0.058	83	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.260	mg/L	1	0.300	<0.0597	87	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.270	mg/L	1	0.300	<0.0597	90	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.408	mg/L	1	0.500	<0.0223	82	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.403	mg/L	1	0.500	<0.0223	81	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.247	mg/L	1	0.250	0.026	88	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.253	mg/L	1	0.250	0.026	91	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170455

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR
Prep Batch: 44089 QC Preparation: 2008-08-14 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.212	mg/L	1	0.250	0.006	82	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.217	mg/L	1	0.250	0.006	84	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170168

QC Batch: 51475 Date Analyzed: 2008-08-15 Analyzed By: TP
Prep Batch: 44137 QC Preparation: 2008-08-15 Prepared By: TP

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.000956	mg/L	1	0.00100	<0.0000251	96	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.000961	mg/L	1	0.00100	<0.0000251	96	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.122	mg/L	1	0.125	<0.000700	98	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.119	mg/L	1	0.125	<0.000700	95	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.482	mg/L	1	0.500	<0.00850	96	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.492	mg/L	1	0.500	<0.00850	98	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	0.945	mg/L	1	1.00	0.01	94	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	0.927	mg/L	1	1.00	0.01	92	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0230	mg/L	1	0.0250	<0.00120	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0233	mg/L	1	0.0250	<0.00120	93	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.222	mg/L	1	0.250	<0.00110	89	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.216	mg/L	1	0.250	<0.00110	86	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.219	mg/L	1	0.250	<0.00170	88	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.215	mg/L	1	0.250	<0.00170	86	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.0960	mg/L	1	0.100	0.004	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.0930	mg/L	1	0.100	0.004	89	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.119	mg/L	1	0.125	<0.00129	95	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.116	mg/L	1	0.125	<0.00129	93	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.212	mg/L	1	0.250	<0.00271	85	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.210	mg/L	1	0.250	<0.00271	84	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.423	mg/L	1	0.500	<0.00460	85	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.447	mg/L	1	0.500	<0.00460	89	75 - 125	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.252	mg/L	1	0.250	<0.0150	101	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.238	mg/L	1	0.250	<0.0150	95	75 - 125	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.450	mg/L	1	0.500	0.031	84	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.459	mg/L	1	0.500	0.031	86	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.278	mg/L	1	0.300	<0.0597	93	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.271	mg/L	1	0.300	<0.0597	90	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.445	mg/L	1	0.500	<0.0223	89	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.446	mg/L	1	0.500	<0.0223	89	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.259	mg/L	1	0.250	0.018	96	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.252	mg/L	1	0.250	0.018	94	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR
Prep Batch: 44217 QC Preparation: 2008-08-19 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.229	mg/L	1	0.250	<0.000679	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.224	mg/L	1	0.250	<0.000679	90	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.130	mg/L	1	0.125	<0.000700	104	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.130	mg/L	1	0.125	<0.000700	104	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.508	mg/L	1	0.500	<0.00850	102	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.512	mg/L	1	0.500	<0.00850	102	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	1.11	mg/L	1	1.00	0.047	106	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	1.11	mg/L	1	1.00	0.047	106	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0261	mg/L	1	0.0250	<0.00120	104	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0245	mg/L	1	0.0250	<0.00120	98	75 - 125	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.262	mg/L	1	0.250	<0.00110	105	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.264	mg/L	1	0.250	<0.00110	106	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.263	mg/L	1	0.250	<0.00170	105	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.264	mg/L	1	0.250	<0.00170	106	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.107	mg/L	1	0.100	<0.00201	107	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.108	mg/L	1	0.100	<0.00201	108	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.130	mg/L	1	0.125	<0.00129	104	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.132	mg/L	1	0.125	<0.00129	106	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.261	mg/L	1	0.250	<0.00271	104	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.267	mg/L	1	0.250	<0.00271	107	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.487	mg/L	1	0.500	<0.00460	97	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.491	mg/L	1	0.500	<0.00460	98	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.268	mg/L	1	0.250	<0.0150	107	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.271	mg/L	1	0.250	<0.0150	108	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.459	mg/L	1	0.500	<0.0106	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.478	mg/L	1	0.500	<0.0106	96	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.321	mg/L	1	0.300	<0.0597	107	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.323	mg/L	1	0.300	<0.0597	108	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.538	mg/L	1	0.500	<0.0223	108	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.548	mg/L	1	0.500	<0.0223	110	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.258	mg/L	1	0.250	<0.00132	103	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.265	mg/L	1	0.250	<0.00132	106	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171192

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR
Prep Batch: 44317 QC Preparation: 2008-08-22 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.236	mg/L	1	0.250	<0.000679	94	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.239	mg/L	1	0.250	<0.000679	96	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170843

QC Batch: 51771 Date Analyzed: 2008-08-25 Analyzed By: TP
Prep Batch: 44397 QC Preparation: 2008-08-25 Prepared By: TP

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.000926	mg/L	1	0.00100	<0.0000251	93	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.000916	mg/L	1	0.00100	<0.0000251	92	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171733

QC Batch: 51772 Date Analyzed: 2008-08-25 Analyzed By: TP
Prep Batch: 44397 QC Preparation: 2008-08-25 Prepared By: TP

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.000897	mg/L	1	0.00100	<0.0000251	90	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.000910	mg/L	1	0.00100	<0.0000251	91	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.126	mg/L	1	0.125	<0.000700	101	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.125	mg/L	1	0.125	<0.000700	100	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.486	mg/L	1	0.500	<0.00850	97	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.515	mg/L	1	0.500	<0.00850	103	75 - 125	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	1.03	mg/L	1	1.00	<0.00180	103	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	1.03	mg/L	1	1.00	<0.00180	103	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0234	mg/L	1	0.0250	<0.00120	94	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0230	mg/L	1	0.0250	<0.00120	92	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.259	mg/L	1	0.250	<0.00110	104	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.260	mg/L	1	0.250	<0.00110	104	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.258	mg/L	1	0.250	<0.00170	103	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.258	mg/L	1	0.250	<0.00170	103	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.105	mg/L	1	0.100	<0.00201	105	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.106	mg/L	1	0.100	<0.00201	106	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.127	mg/L	1	0.125	<0.00129	102	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.126	mg/L	1	0.125	<0.00129	101	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.255	mg/L	1	0.250	<0.00271	102	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.254	mg/L	1	0.250	<0.00271	102	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.504	mg/L	1	0.500	<0.00460	101	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.502	mg/L	1	0.500	<0.00460	100	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.253	mg/L	1	0.250	<0.0150	101	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.261	mg/L	1	0.250	<0.0150	104	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.486	mg/L	1	0.500	<0.0106	97	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.496	mg/L	1	0.500	<0.0106	99	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.315	mg/L	1	0.300	<0.0597	105	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.322	mg/L	1	0.300	<0.0597	107	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.530	mg/L	1	0.500	<0.0223	106	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.530	mg/L	1	0.500	<0.0223	106	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.253	mg/L	1	0.250	<0.00132	101	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.252	mg/L	1	0.250	<0.00132	101	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 171342

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR
Prep Batch: 44405 QC Preparation: 2008-08-26 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.258	mg/L	1	0.250	<0.000679	103	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.258	mg/L	1	0.250	<0.000679	103	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.122	mg/L	1	0.125	<0.000700	98	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.126	mg/L	1	0.125	<0.000700	101	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.437	mg/L	1	0.500	<0.00850	87	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.448	mg/L	1	0.500	<0.00850	90	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	0.902	mg/L	1	1.00	0.007	90	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	0.940	mg/L	1	1.00	0.007	93	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0230	mg/L	1	0.0250	<0.00120	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0230	mg/L	1	0.0250	<0.00120	92	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.215	mg/L	1	0.250	<0.00110	86	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.219	mg/L	1	0.250	<0.00110	88	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.211	mg/L	1	0.250	<0.00170	84	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.225	mg/L	1	0.250	<0.00170	90	75 - 125	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	2.67	mg/L	1	0.100	2.58	90	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	2.69	mg/L	1	0.100	2.58	110	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.127	mg/L	1	0.125	0.013	91	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.135	mg/L	1	0.125	0.013	98	75 - 125	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.284	mg/L	1	0.250	0.089	78	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.288	mg/L	1	0.250	0.089	80	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.459	mg/L	1	0.500	<0.00460	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.459	mg/L	1	0.500	<0.00460	92	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.256	mg/L	1	0.250	0.048	83	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.279	mg/L	1	0.250	0.048	92	75 - 125	9	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.540	mg/L	1	0.500	0.144	79	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.557	mg/L	1	0.500	0.144	83	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.232	mg/L	1	0.300	<0.0597	77	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.281	mg/L	1	0.300	<0.0597	94	75 - 125	19	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.436	mg/L	1	0.500	<0.0223	87	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.445	mg/L	1	0.500	<0.0223	89	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.239	mg/L	1	0.250	0.028	84	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.245	mg/L	1	0.250	0.028	87	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172137

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR
Prep Batch: 44510 QC Preparation: 2008-08-29 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.204	mg/L	1	0.250	0.003	80	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.230	mg/L	1	0.250	0.003	91	75 - 125	12	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.115	mg/L	1	0.125	<0.000700	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.114	mg/L	1	0.125	<0.000700	91	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.507	mg/L	1	0.500	<0.00850	101	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.472	mg/L	1	0.500	<0.00850	94	75 - 125	7	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	0.864	mg/L	1	1.00	<0.00180	86	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	0.874	mg/L	1	1.00	<0.00180	87	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0230	mg/L	1	0.0250	<0.00120	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0260	mg/L	1	0.0250	<0.00120	104	75 - 125	12	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.220	mg/L	1	0.250	<0.00110	88	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.223	mg/L	1	0.250	<0.00110	89	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.214	mg/L	1	0.250	<0.00170	86	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.219	mg/L	1	0.250	<0.00170	88	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.0890	mg/L	1	0.100	<0.00201	89	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.0890	mg/L	1	0.100	<0.00201	89	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.105	mg/L	1	0.125	<0.00129	84	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.107	mg/L	1	0.125	<0.00129	86	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.210	mg/L	1	0.250	<0.00271	84	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.220	mg/L	1	0.250	<0.00271	88	75 - 125	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.459	mg/L	1	0.500	<0.00460	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.458	mg/L	1	0.500	<0.00460	92	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.233	mg/L	1	0.250	<0.0150	93	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.251	mg/L	1	0.250	<0.0150	100	75 - 125	7	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.917	mg/L	1	0.500	0.534	77	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.959	mg/L	1	0.500	0.534	85	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.234	mg/L	1	0.300	<0.0597	78	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.257	mg/L	1	0.300	<0.0597	86	75 - 125	9	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.399	mg/L	1	0.500	<0.0223	80	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.402	mg/L	1	0.500	<0.0223	80	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium ¹	0.183	mg/L	1	0.250	<0.00132	73	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.217	mg/L	1	0.250	<0.00132	87	75 - 125	17	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR
Prep Batch: 44581 QC Preparation: 2008-09-03 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.238	mg/L	1	0.250	0.025	85	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.260	mg/L	1	0.250	0.025	94	75 - 125	9	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

¹Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

Matrix Spike (MS-1) Spiked Sample: 172467

QC Batch: 52084 Date Analyzed: 2008-09-04 Analyzed By: TP
Prep Batch: 44653 QC Preparation: 2008-09-04 Prepared By: TP

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.000864	mg/L	1	0.00100	<0.0000251	86	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.000823	mg/L	1	0.00100	<0.0000251	82	75 - 125	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52085 Date Analyzed: 2008-09-04 Analyzed By: TP
Prep Batch: 44653 QC Preparation: 2008-09-04 Prepared By: TP

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.000887	mg/L	1	0.00100	<0.0000251	89	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.000858	mg/L	1	0.00100	<0.0000251	86	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.135	mg/L	1	0.125	<0.000700	108	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.134	mg/L	1	0.125	<0.000700	107	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.509	mg/L	1	0.500	<0.00850	102	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.506	mg/L	1	0.500	<0.00850	101	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	0.992	mg/L	1	1.00	0.007	98	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	0.992	mg/L	1	1.00	0.007	98	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0237	mg/L	1	0.0250	<0.00120	95	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0235	mg/L	1	0.0250	<0.00120	94	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.207	mg/L	1	0.250	<0.00110	83	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.207	mg/L	1	0.250	<0.00110	83	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.217	mg/L	1	0.250	<0.00170	87	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.216	mg/L	1	0.250	<0.00170	86	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.715	mg/L	1	0.100	0.63	85	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.710	mg/L	1	0.100	0.63	80	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.127	mg/L	1	0.125	0.012	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.126	mg/L	1	0.125	0.012	91	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.215	mg/L	1	0.250	0.003	85	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.215	mg/L	1	0.250	0.003	85	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.432	mg/L	1	0.500	<0.00460	86	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.421	mg/L	1	0.500	<0.00460	84	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.263	mg/L	1	0.250	<0.0150	105	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.250	mg/L	1	0.250	<0.0150	100	75 - 125	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.633	mg/L	1	0.500	0.155	96	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.645	mg/L	1	0.500	0.155	98	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.256	mg/L	1	0.300	<0.0597	85	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.253	mg/L	1	0.300	<0.0597	84	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.398	mg/L	1	0.500	<0.0223	80	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.403	mg/L	1	0.500	<0.0223	81	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.253	mg/L	1	0.250	0.017	94	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.253	mg/L	1	0.250	0.017	94	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172638

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR
Prep Batch: 44662 QC Preparation: 2008-09-05 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.246	mg/L	1	0.250	0.015	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.243	mg/L	1	0.250	0.015	91	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.132	mg/L	1	0.125	<0.000700	106	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.137	mg/L	1	0.125	<0.000700	110	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.545	mg/L	1	0.500	<0.00850	109	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.549	mg/L	1	0.500	<0.00850	110	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	0.988	mg/L	1	1.00	0.006	98	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	1.02	mg/L	1	1.00	0.006	101	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0240	mg/L	1	0.0250	<0.00120	96	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0250	mg/L	1	0.0250	<0.00120	100	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.224	mg/L	1	0.250	<0.00110	90	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.231	mg/L	1	0.250	<0.00110	92	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.227	mg/L	1	0.250	<0.00170	91	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.234	mg/L	1	0.250	<0.00170	94	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.102	mg/L	1	0.100	0.009	93	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.105	mg/L	1	0.100	0.009	96	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.120	mg/L	1	0.125	0.01	88	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.125	mg/L	1	0.125	0.01	92	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.225	mg/L	1	0.250	<0.00271	90	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.232	mg/L	1	0.250	<0.00271	93	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.467	mg/L	1	0.500	<0.00460	93	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.480	mg/L	1	0.500	<0.00460	96	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.253	mg/L	1	0.250	<0.0150	101	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.256	mg/L	1	0.250	<0.0150	102	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.530	mg/L	1	0.500	0.024	101	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.546	mg/L	1	0.500	0.024	104	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.279	mg/L	1	0.300	<0.0597	93	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.285	mg/L	1	0.300	<0.0597	95	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.430	mg/L	1	0.500	<0.0223	86	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.443	mg/L	1	0.500	<0.0223	89	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.269	mg/L	1	0.250	0.028	96	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.278	mg/L	1	0.250	0.028	100	75 - 125	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 172795

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR
Prep Batch: 44736 QC Preparation: 2008-09-09 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.240	mg/L	1	0.250	0.009	92	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.246	mg/L	1	0.250	0.009	95	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Silver	0.118	mg/L	1	0.125	<0.000700	94	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Silver	0.119	mg/L	1	0.125	<0.000700	95	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Arsenic	0.484	mg/L	1	0.500	<0.00850	97	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Arsenic	0.489	mg/L	1	0.500	<0.00850	98	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Barium	1.05	mg/L	1	1.00	<0.00180	105	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Barium	1.06	mg/L	1	1.00	<0.00180	106	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Beryllium	0.0242	mg/L	1	0.0250	<0.00120	97	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Beryllium	0.0246	mg/L	1	0.0250	<0.00120	98	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cadmium	0.251	mg/L	1	0.250	<0.00110	100	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cadmium	0.252	mg/L	1	0.250	<0.00110	101	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Cobalt	0.244	mg/L	1	0.250	<0.00170	98	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Cobalt	0.246	mg/L	1	0.250	<0.00170	98	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Chromium	0.0980	mg/L	1	0.100	<0.00201	98	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Chromium	0.0980	mg/L	1	0.100	<0.00201	98	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Copper	0.120	mg/L	1	0.125	<0.00129	96	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Copper	0.120	mg/L	1	0.125	<0.00129	96	75 - 125	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Nickel	0.246	mg/L	1	0.250	<0.00271	98	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Nickel	0.249	mg/L	1	0.250	<0.00271	100	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Lead	0.522	mg/L	1	0.500	<0.00460	104	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Lead	0.528	mg/L	1	0.500	<0.00460	106	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Antimony	0.238	mg/L	1	0.250	<0.0150	95	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Antimony	0.247	mg/L	1	0.250	<0.0150	99	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Selenium	0.434	mg/L	1	0.500	<0.0106	87	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Selenium	0.439	mg/L	1	0.500	<0.0106	88	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Tin	0.306	mg/L	1	0.300	<0.0597	102	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Tin	0.311	mg/L	1	0.300	<0.0597	104	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Thallium	0.501	mg/L	1	0.500	<0.0223	100	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Thallium	0.510	mg/L	1	0.500	<0.0223	102	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Vanadium	0.251	mg/L	1	0.250	<0.00132	100	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Vanadium	0.254	mg/L	1	0.250	<0.00132	102	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR
Prep Batch: 44806 QC Preparation: 2008-09-11 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Zinc	0.241	mg/L	1	0.250	0.001	96	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Zinc	0.243	mg/L	1	0.250	0.001	97	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173107

QC Batch: 52284 Date Analyzed: 2008-09-11 Analyzed By: TP
Prep Batch: 44821 QC Preparation: 2008-09-11 Prepared By: TP

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.00138	mg/L	1	0.00100	0.000385	100	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.00135	mg/L	1	0.00100	0.000385	96	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 173041

QC Batch: 52287 Date Analyzed: 2008-09-11 Analyzed By: TP
Prep Batch: 44821 QC Preparation: 2008-09-11 Prepared By: TP

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Mercury	0.000961	mg/L	1	0.00100	<0.0000251	96	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Mercury	0.000997	mg/L	1	0.00100	<0.0000251	100	75 - 125	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.127	102	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.07	107	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.00	100	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.03	103	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.07	107	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.01	101	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	1.01	101	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.05	105	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.02	102	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.06	106	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.01	101	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.05	105	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.05	105	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	0.986	99	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	1.05	105	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.126	101	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.04	104	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	0.993	99	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.00	100	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	0.985	98	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.04	104	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	0.980	98	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	0.989	99	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.01	101	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	0.993	99	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.02	102	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	0.980	98	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.02	102	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.01	101	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	0.968	97	90 - 110	2008-08-11

Standard (CCV-1)

QC Batch: 51313 Date Analyzed: 2008-08-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	1.02	102	90 - 110	2008-08-11

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.125	100	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.984	98	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	0.985	98	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.01	101	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	0.980	98	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.03	103	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	0.981	98	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	0.988	99	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.01	101	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	0.983	98	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.03	103	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	0.991	99	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.01	101	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.02	102	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	0.967	97	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	1.02	102	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.127	102	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.04	104	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.01	101	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.03	103	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.06	106	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.01	101	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	1.00	100	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.04	104	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.02	102	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.05	105	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	0.998	100	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.04	104	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.04	104	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	0.990	99	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51427 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	1.05	105	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.125	100	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.984	98	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	0.985	98	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.01	101	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	0.980	98	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.03	103	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	0.981	98	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	0.988	99	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.01	101	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	0.983	98	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.03	103	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	0.991	99	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.01	101	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.02	102	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	0.967	97	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	1.02	102	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.130	104	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.06	106	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.03	103	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.05	105	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.04	104	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.08	108	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.03	103	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	1.03	103	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.07	107	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.04	104	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.08	108	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.02	102	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.08	108	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.08	108	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	1.01	101	90 - 110	2008-08-14

Standard (CCV-1)

QC Batch: 51429 Date Analyzed: 2008-08-14 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	1.07	107	90 - 110	2008-08-14

Standard (ICV-1)

QC Batch: 51475 Date Analyzed: 2008-08-15 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000977	98	90 - 110	2008-08-15

Standard (CCV-1)

QC Batch: 51475 Date Analyzed: 2008-08-15 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00102	102	90 - 110	2008-08-15

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.127	102	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.05	105	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.01	101	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.04	104	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.03	103	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.05	105	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.02	102	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	1.01	101	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.07	107	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.01	101	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.05	105	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.06	106	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.03	103	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.08	108	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	1.00	100	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	0.998	100	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.128	102	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.04	104	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.01	101	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.03	103	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.05	105	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.02	102	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	1.01	101	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.07	107	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.01	101	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.02	102	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.03	103	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.03	103	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	0.994	99	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	0.994	99	90 - 110	2008-08-20

Standard (CCV-1)

QC Batch: 51617 Date Analyzed: 2008-08-20 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	0.992	99	90 - 110	2008-08-20

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.127	102	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.01	101	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.01	101	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.01	101	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.01	101	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.01	101	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.00	100	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	0.991	99	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.04	104	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.00	100	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.08	108	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.03	103	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.00	100	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.03	103	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	0.984	98	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	0.988	99	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.124	99	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.998	100	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	0.995	100	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.00	100	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	0.993	99	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	0.991	99	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	0.987	99	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	0.978	98	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.03	103	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	0.985	98	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.07	107	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	0.996	100	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	0.993	99	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.02	102	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	0.976	98	90 - 110	2008-08-22

Standard (CCV-1)

QC Batch: 51695 Date Analyzed: 2008-08-22 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	0.978	98	90 - 110	2008-08-22

Standard (ICV-1)

QC Batch: 51771 Date Analyzed: 2008-08-25 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000969	97	90 - 110	2008-08-25

Standard (CCV-1)

QC Batch: 51771 Date Analyzed: 2008-08-25 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000985	98	90 - 110	2008-08-25

Standard (ICV-1)

QC Batch: 51772 Date Analyzed: 2008-08-25 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000969	97	90 - 110	2008-08-25

Standard (CCV-1)

QC Batch: 51772 Date Analyzed: 2008-08-25 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000985	98	90 - 110	2008-08-25

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.125	100	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.986	99	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.01	101	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.01	101	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	0.990	99	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	0.993	99	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	0.991	99	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	0.987	99	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.03	103	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	0.987	99	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.06	106	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	0.994	99	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	0.984	98	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.02	102	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	0.983	98	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	0.978	98	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.129	103	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.06	106	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.03	103	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.05	105	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.08	108	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.07	107	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.04	104	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	1.01	101	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.08	108	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.00	100	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.09	109	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.05	105	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.09	109	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.08	108	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	1.02	102	90 - 110	2008-08-26

Standard (CCV-1)

QC Batch: 51793 Date Analyzed: 2008-08-26 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	1.03	103	90 - 110	2008-08-26

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.125	100	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.988	99	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.00	100	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.01	101	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	0.986	99	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.02	102	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	0.987	99	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	0.992	99	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.04	104	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	0.993	99	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.08	108	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	0.994	99	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.00	100	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.02	102	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	0.979	98	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	0.975	98	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.127	102	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.03	103	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.02	102	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.03	103	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.04	104	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.01	101	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	1.01	101	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.06	106	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.01	101	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.04	104	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.03	103	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.04	104	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.06	106	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	1.00	100	90 - 110	2008-08-29

Standard (CCV-1)

QC Batch: 51924 Date Analyzed: 2008-08-29 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	0.996	100	90 - 110	2008-08-29

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.125	100	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.00	100	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.02	102	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	0.989	99	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	0.989	99	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.01	101	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	1.00	100	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	0.987	99	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	0.995	100	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	0.986	99	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.01	101	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.01	101	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.00	100	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	1.02	102	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	0.989	99	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.123	98	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.06	106	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.00	100	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	0.994	99	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	0.986	99	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.00	100	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	0.988	99	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	0.982	98	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	0.993	99	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.01	101	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.04	104	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.04	104	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.03	103	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	1.01	101	90 - 110	2008-09-03

Standard (CCV-1)

QC Batch: 52016 Date Analyzed: 2008-09-03 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	0.999	100	90 - 110	2008-09-03

Standard (ICV-1)

QC Batch: 52084 Date Analyzed: 2008-09-04 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000992	99	90 - 110	2008-09-04

Standard (CCV-1)

QC Batch: 52084 Date Analyzed: 2008-09-04 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000973	97	90 - 110	2008-09-04

Standard (ICV-1)

QC Batch: 52085 Date Analyzed: 2008-09-04 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000992	99	90 - 110	2008-09-04

Standard (CCV-1)

QC Batch: 52085 Date Analyzed: 2008-09-04 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000981	98	90 - 110	2008-09-04

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.126	101	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.02	102	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.06	106	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.01	101	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.05	105	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.01	101	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.03	103	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	1.02	102	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.00	100	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.06	106	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.01	101	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.01	101	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.03	103	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.02	102	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	1.05	105	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	1.01	101	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.127	102	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.04	104	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.06	106	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.03	103	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.04	104	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.01	101	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.03	103	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	1.04	104	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.00	100	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.05	105	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.04	104	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.05	105	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.03	103	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.02	102	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	1.06	106	90 - 110	2008-09-08

Standard (CCV-1)

QC Batch: 52131 Date Analyzed: 2008-09-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	1.03	103	90 - 110	2008-09-08

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.126	101	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.995	100	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.06	106	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.00	100	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.03	103	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.00	100	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.03	103	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	1.02	102	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	0.996	100	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.06	106	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.00	100	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	0.993	99	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.02	102	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.02	102	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	1.04	104	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	1.01	101	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.126	101	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.06	106	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.04	104	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.03	103	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.07	107	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	1.03	103	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.04	104	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	1.02	102	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	1.02	102	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.01	101	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.05	105	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.05	105	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.07	107	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.07	107	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	1.04	104	90 - 110	2008-09-09

Standard (CCV-1)

QC Batch: 52201 Date Analyzed: 2008-09-09 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	1.05	105	90 - 110	2008-09-09

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.123	98	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.995	100	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.05	105	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	0.995	100	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.03	103	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	0.996	100	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.04	104	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	1.01	101	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	0.989	99	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.03	103	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.00	100	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	0.986	99	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.02	102	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.01	101	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	1.03	103	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	1.05	105	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.125	100	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.978	98	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	1.00	1.08	108	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Beryllium		mg/L	1.00	1.08	108	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.00	100	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cobalt		mg/L	1.00	0.991	99	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	1.00	1.04	104	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Copper		mg/L	1.00	1.02	102	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Nickel		mg/L	1.00	0.974	97	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.00	100	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Antimony		mg/L	1.00	1.01	101	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	0.958	96	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Tin		mg/L	1.00	1.00	100	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Thallium		mg/L	1.00	1.02	102	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Vanadium		mg/L	1.00	1.03	103	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52279 Date Analyzed: 2008-09-11 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Zinc		mg/L	1.00	1.05	105	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52284 Date Analyzed: 2008-09-11 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00104	104	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52284 Date Analyzed: 2008-09-11 Analyzed By: TP

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000979	98	90 - 110	2008-09-11

Standard (ICV-1)

QC Batch: 52287 Date Analyzed: 2008-09-11 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00104	104	90 - 110	2008-09-11

Standard (CCV-1)

QC Batch: 52287 Date Analyzed: 2008-09-11 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00104	104	90 - 110	2008-09-11
